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 70 90 110
 CGATGCCGATCTACTTAAGGGCTGAAACCCACGGGCCTGAGAGACTATAAGAGCGTTC
 130 150 170
 CCTACCGCCATGGAACAAACGGGACAGAACGCCCGGCGCTCGGGGCCCCGGAAAAGG
 M E O R G O N A P A A S G A R K R
 190 210 230
 CACGGCCCAGGACCCAGGGAGGGAGGCCAGGCCTGGGCCCCGGTCCCCAAGACC
 H G P G P R E A R G A R P G P R V P K T
 250 270 290
 CTTGTGCTCGTTGTCGCCGCGGTCCCTGCTGTTGGTCTCAGCTGAGTCTGCTCTGATCACC
 L V L V V A A V L L L V S A E S A L I T
 310 330 350
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 Q Q D L A P Q Q R A A A P Q Q K R S S P S
 370 390 410
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 E G L C P P G H H I S E D G R D C I S C
 430 450 470
 AAATATGGACAGGACTATAGCACTCACTGGAATGACCTCCTTTCTGCTTGCCTGCACC
 K Y G Q D Y S T H W N D L L F C L R C T
 490 510 530
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 R C D S G E V E L S P C T T T R N T V C
 550 570 590
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 Q C E E G T F R E E D S P E M C R K C R
 610 630 650
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 T G C P R G M V K V G D C T P W S D I E
 670 690 710
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 C V H K E S G I I I G V T V A A V V L I
 730 750 770
 GTGGCTGTGTTGTTGCAAGTCTTACTGTGGAGAAAGTCCTCCTTACCTGAAAGGC
 V A V F V C K S L L W K K V L P Y L K G
 790 810 830
 ATCTGCTCAGGTGGTGGTGGGACCCCTGAGCGTGTGGACAGAACGCTCACAAACGACCTGGG
 I C S G G G G D P E R V D R S S Q R P G

FIG. 1A

850	870	890
GCTGAGGACAATGTCCTCAATGAGATCGTGAGTATCTGCAGCCCACCCAGGTCCCTGAG		
A E D N V L N E I V S I L Q P T Q V P E		
910	930	950
CAGGAAATGGAAGTCCAGGAGCCAGCAGAGCCAACAGGTGTCAACATGTTGTCCCCCGGG		
Q E M E V Q E P A E P T G V N M L S P G		
970	990	1010
GAGTCAGAGCATCTGCTGGAACCGGCAGAAGCTGAAAGGTCTCAGAGGAGGAGGCTGCTG		
E S E H L L E P A E A E R S Q R R R L L		
1030	1050	1070
GTTCCAGCAAATGAAGGTGATCCCAC TGAGACTCTGAGACAGTGCTTCGATGACTTGCA		
V P A N E G D P T E T L R Q C F D D F A		
1090	1110	1130
GACTTGGTGCCCTTGACTCCTGGAGCCGCTCATGAGGAAGTTGGGCCTCATGGACAAT		
D L V P F D S W E P L M R K L G L M D N		
1150	1170	1190
GAGATAAAAGGTGGCTAAAGCTGAGGCAGCGGGCCACAGGGACACCTTGTACACGATGCTG		
E I K V A K A E A A G H R D T L Y T M L		
1210	1230	1250
ATAAAAGTGGGTCAACAAAACCGGGCGAGATGCCTCTGTCCACACCCCTGCTGGATGCCTTG		
I K W V N K T G R D A S V H T L L D A L		
1270	1290	1310
GAGACGCTGGAGAGAGACTTGCCAAGCAGAAGATTGAGGACCAC TTGTTGAGCTCTGGA		
E T L G E R L A K Q K I E D H L L S S G		
1330	1350	1370
AAGTTCATGTATCTAGAAGGTAATGCAGACTCTGCCATGTCTAACAGTGTGATTCTCTCA		
K F M Y L E G N A D S A M S *		
1390	1410	1430
GGAAGTGAGACCTTCCCTGGTTACCTTTCTGGAAAAAGCCCAACTGGACTCCAGTC		
1450	1470	1490
AGTAGGAAAGTGCCACAATTGTCACATGACCGGTACTGGAAGAAACTCTCCATCCAACA		
1510	1530	1550
TCACCCAGTGGATGGAACATCCTGTAACTTTCACTGCACTGGCATTATTTTATAAGC		
1570	1590	
TGAATGTGATAATAAGGACACTATGGAAAAAAAAAAAAAA		

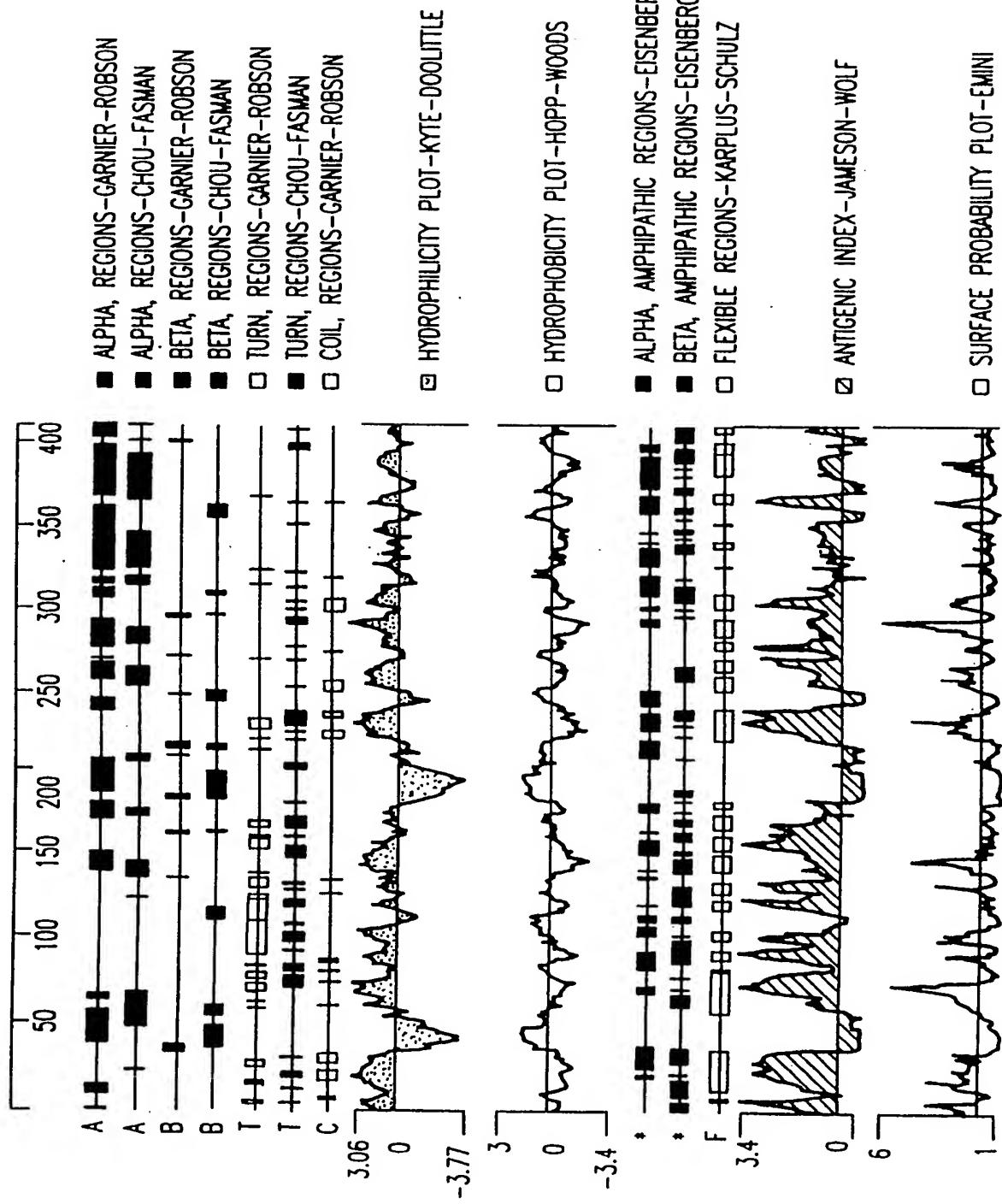
FIG. 1B

1	M - L G - - - - -	I W T L L P L V L	h Fas protein
1	M G L S - - - - -	T V P D L L L P L	h TNFR I Protein
1	M E Q R - - - - -	P R G C A A V A A	DR3 protein
1	M E Q R G Q N A P A S G A R K R H G P G P R E A R G A R P G	L V L	HLYBX88XXprotein
13	T S V A R L S S K S V N A Q V T D I N S K G L E L R K T V T V E T Q N L E G L		h Fas protein
14	V I L L E L L V G I Y P S G V I G L V P H I L G D R E K R D S V C P Q G K Y I H - -		h TNFR I Protein
14	A L L L V L L G A R A Q G - - - - -	G T R S P R - C D C A - G D F - H - -	DR3 protein
41	V V A A V L L L V S A E S A L I T Q Q D I A P Q Q R A A P Q Q K R S S P S E G L		HLYBX88XXprotein
53	H H D G Q F C H K P C P P G E R K A R D C T V N G D E P D C V P C Q E G K E Y T		h Fas protein
52	P Q N N S I C C T K C H K G T Y L Y N D C P G Q D T D C R E C E S G S F T A		h TNFR I Protein
41	K K I G L F C C R G C P A G H Y L K A P C T E P C G N S T C L V C P Q D T F L A		DR3 protein
81	- - - - - C P P G H H I S E D - - - - - G R D C I S C K Y G Q D Y S		HLYBX88XXprotein
93	D K A H F S S K C R R C R L C D E G H G L E V E I N C T R T Q N T K C R C K P N		h Fas protein
92	S E N H I L R - H C L S C S K C R K E M G Q V E I S S C T V D R D T V C G C R K N		h TNFR I Protein
81	W E N H H N S E C A R C Q A C D E Q A S Q V A L E N C S A V A D T R C G C K P G		DR3 protein
105	T H W N D L L F C L R C T R C D - S G E V E L S P C T T R N T V C Q C E E G		HLYBX88XXprotein
133	F F - - - - - C N S T V - - - - C E H C D P C T K - - - - -		h Fas protein
131	Q Y R H Y W S E N L F Q C - - - - F N C S L C L N - G T V H - - - - L S C Q E		h TNFR I Protein
121	W F V E C - - - - Q V S Q C V S S S P F Y C Q P C L D C G A L H R H T R L L C S R		DR3 protein
143	T F R E - - - - D S P E M C R K C - - - - E D S P E M C R K C - - - - R T G C P R		HLYBX88XXprotein

FIG.2A

FIG. 2B

FIG. 2C



HAPBU13R

1 AATTGGGCAC AGCTCTTCAG GAAGTCAGAC CTTCCCTGGT TTACCTTTT
51 TCTGGAAAAA GCCCAACTGG GACTCCAGTC AGTAGGAAAG TGCCACAATT
101 GTCACATGAC CGGTACTGGA AGAAAACTCTC CCATCCAACA TCACCCAGTG
151 GNATGGGAAC ACTGATGAAC TTTTCACTGC ACTTGGCATT ATTTTTGTNA
201 AGCTGAATGT GATAATAAGG GCACTGATGG AAATGTCTGG ATCATTCCGG
251 TTGTGCGTAC TTTGAGATTG GNNTTGGGG ATGTNCATTG TGTTTGACAG
301 CACTTTTTN ATCCCTAATG TNAAATGCNT NATTGATTG TGANTTGGGG
351 GTNAACATTG GTNAAGGNTN CCCNTNTGAC ACAGTAGNTG GTNCCCGACT
401 TANAATNGNN GAANANGATG NATNANGAAC CTTTTTTTGG GTGGGGGGGT
451 NNCGGGGCAG TNNAANGNNG NCTCCCCAGG TTTGGNGTNG CAATNGNGGA
501 ANNNTGG

HSBBU76R

1 TTTTTTTGT AGATGGATCT TACAATGTAG CCCAAATAAA TAAATAAAGC
51 ATTTACATTA GGATAAAAAAA GTGCTGTGAA AACAAATGACA TCCCAAACCA
101 AATCTCAAAG TACGCACAAA CGGAATGATC CAGACATTTT CATAGNGTCC
151 TTATTATCAC ATTCAAGCTTA TAAAANTAAAT GCCAAGTGCA GTGAAAAGTT
201 ACAGGATGTT CCATCCACTG GGTGGATT

FIG.4

FIG. 5A

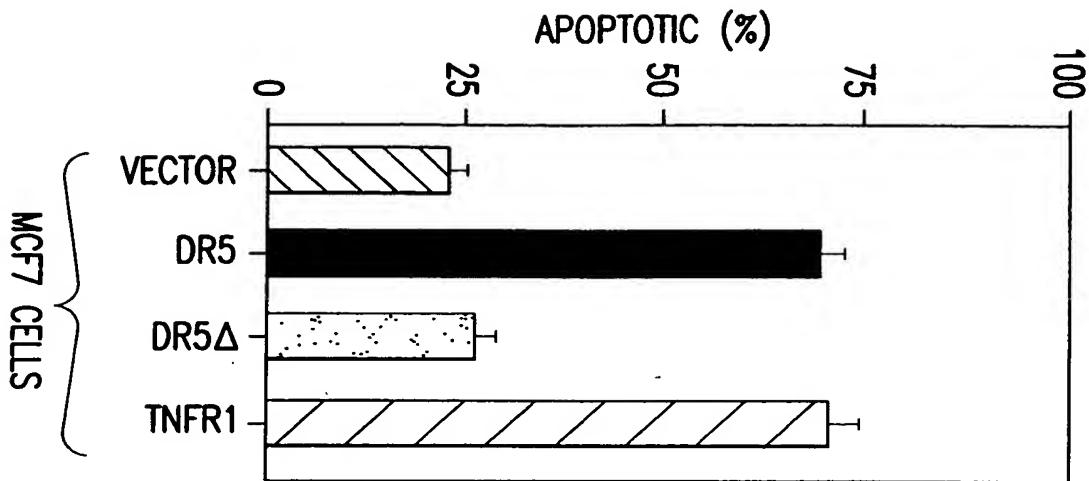


FIG. 5B

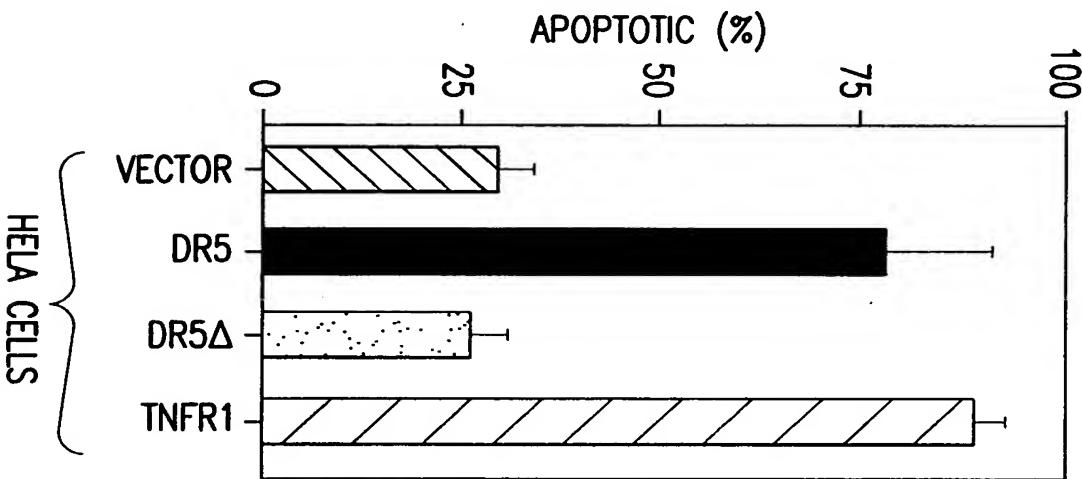
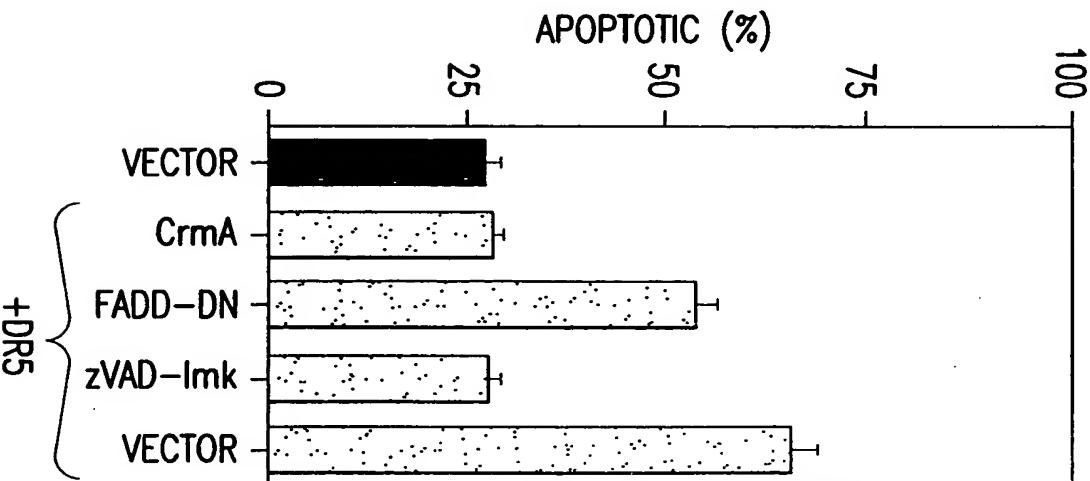


FIG. 5C



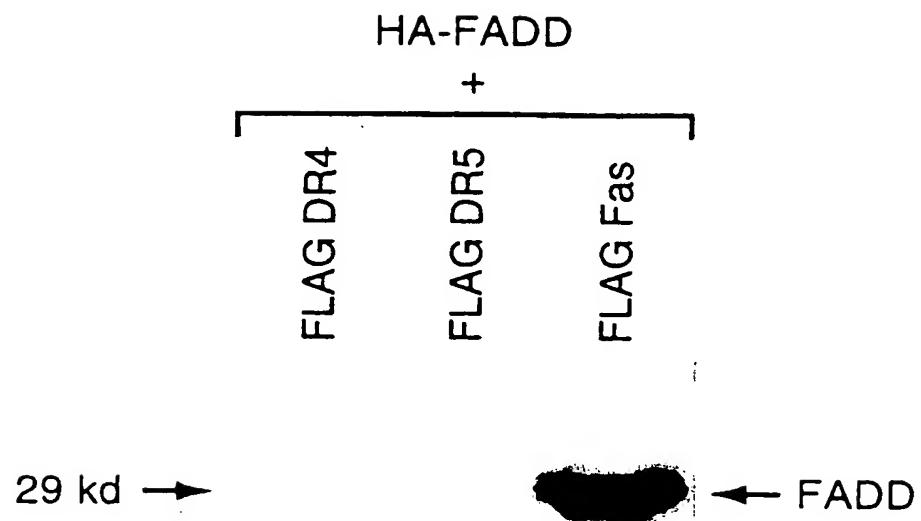
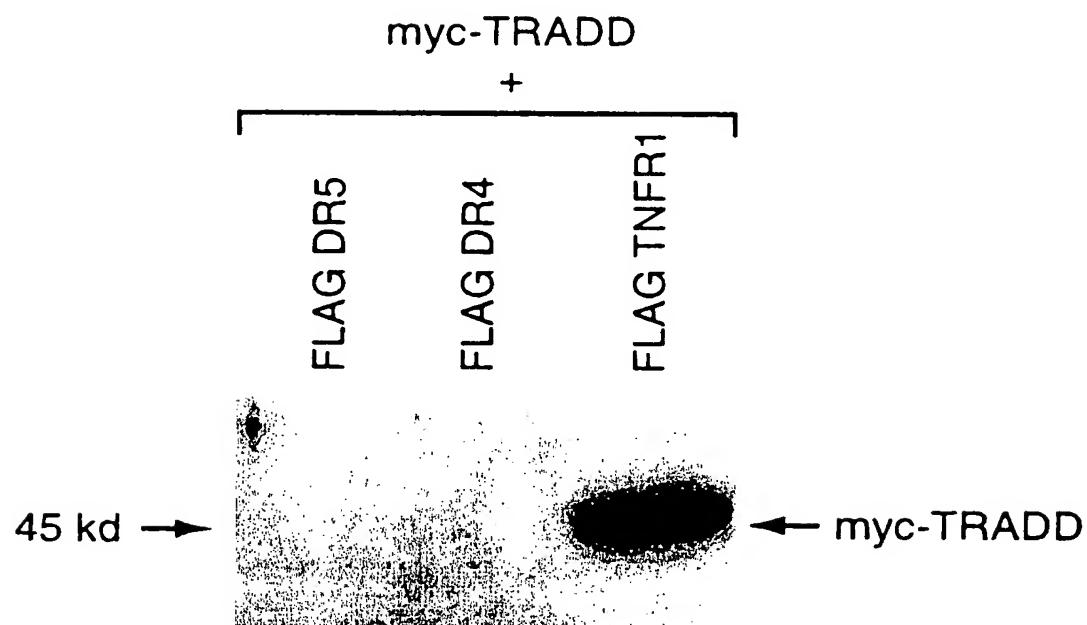


FIG. 5D



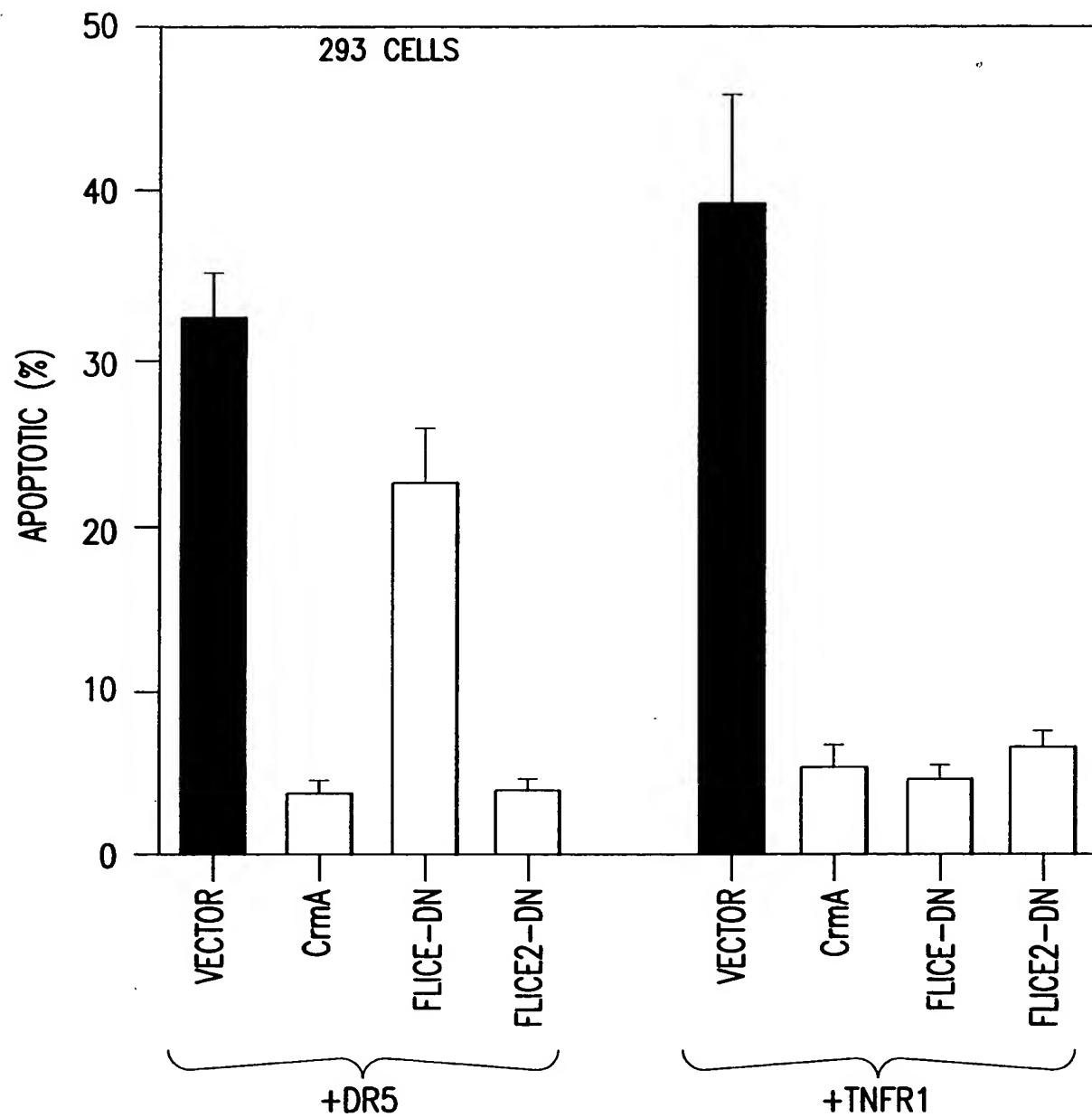


FIG. 5E

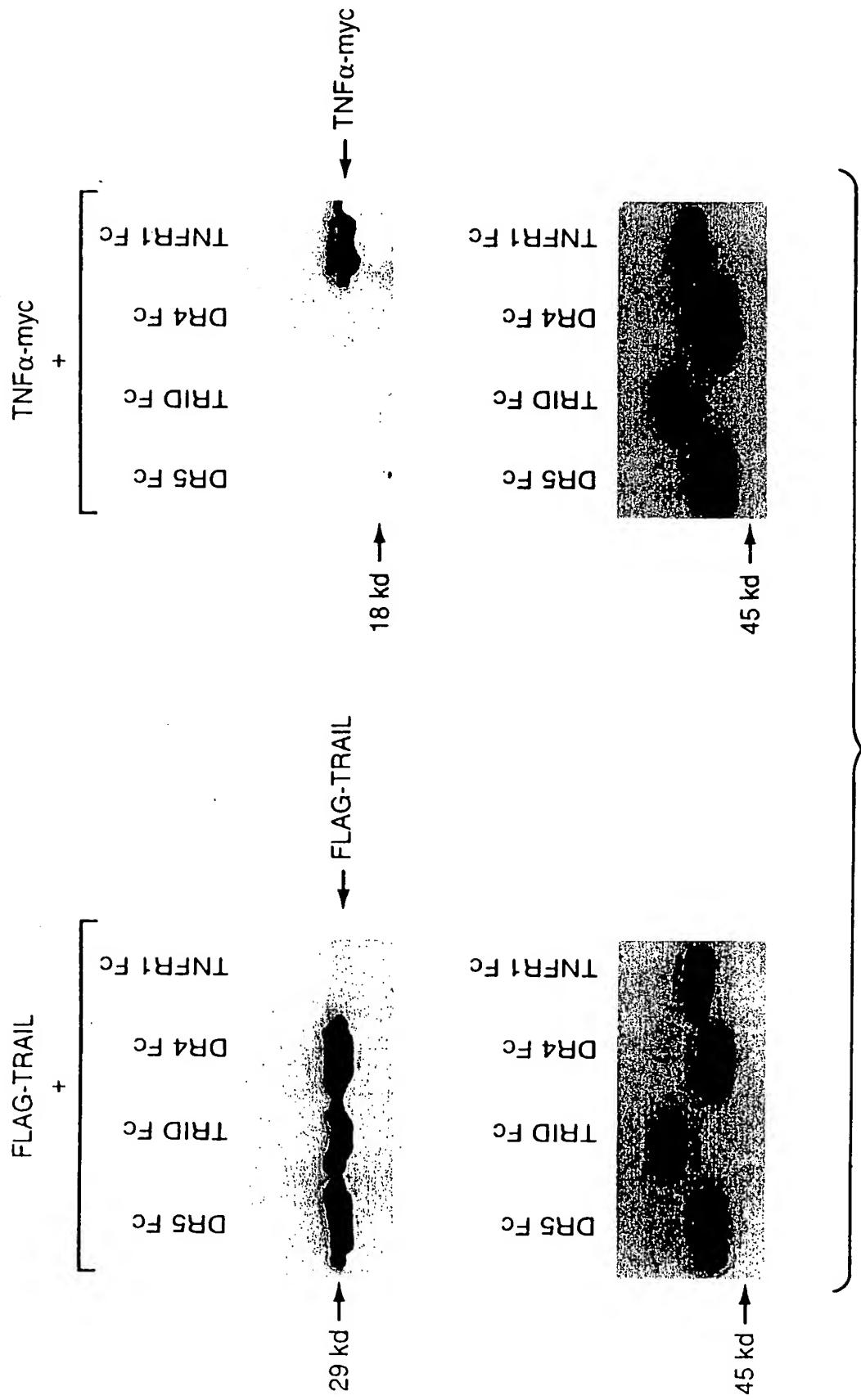


FIG. 6A

FIG. 6C

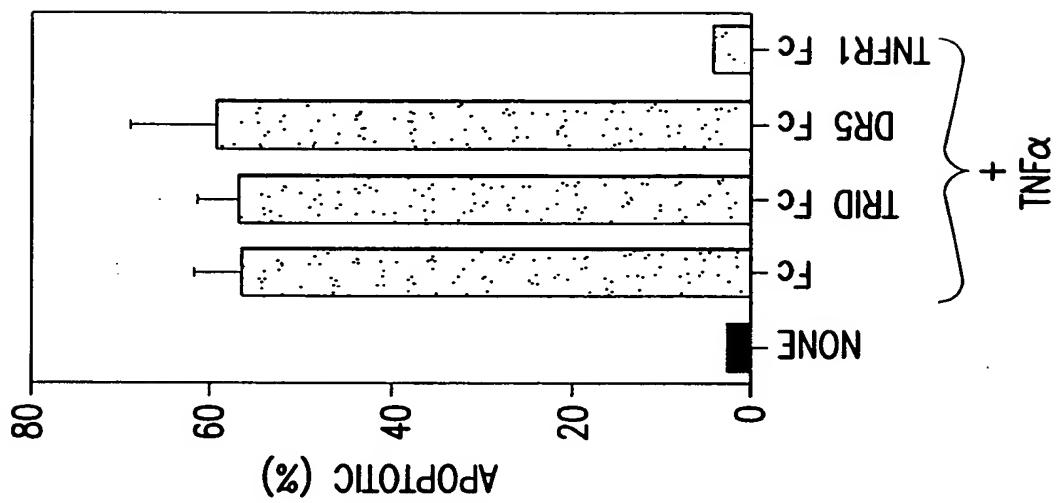


FIG. 6B

